

## Week 5 Practice

Solve each proportion.

1)  $\frac{7}{r+7} = \frac{4}{10}$

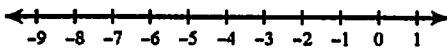
2)  $\frac{3}{x-9} = \frac{5}{4}$

3)  $\frac{x-1}{10} = \frac{7}{5}$

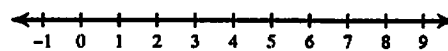
4)  $\frac{10}{3} = \frac{4}{n-3}$

Solve each inequality and graph its solution.

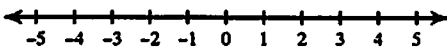
5)  $-5 > m - 4$



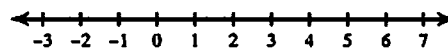
6)  $v - 2 < 3$



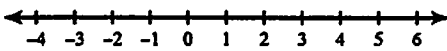
7)  $\frac{1}{4} - n \geq 0$



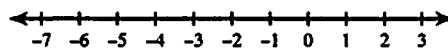
8)  $-\frac{5}{3} \geq x - 1\frac{2}{3}$



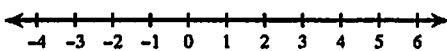
9)  $15 \leq -3(-3 + x)$



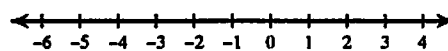
10)  $-12 \leq 2(-5 + a)$



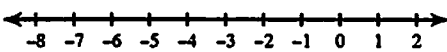
11)  $\frac{19}{6} < 1\frac{2}{3} - \frac{3}{2}x$



12)  $-1 + 1\frac{1}{2}b > -\frac{1}{4}$



13)  $-(1 + 3m) \leq 5(m + 3)$



14)  $r - 4 + 4 > 2(r - 2) + 2(r - 4)$

